BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64

NO:BBMP/EE/YNK.D/EPMT-01/2020-21 Dt:02-5-2020

APPROVED TENDER SCHEDULE –'B'

Item 34

Name of Work Maintenance of Existing borewells at village limit areas and yelahanka old town areas in chowdeshwari ward no -02 of yelahanka Sub division

Sl	Description	Unit	Approved Qty	Rate quoted by the contractor approved rates Sri RAJESH A (R R ENGINEERING WORKS ..)	
				Rate	Rate in Words
1	Lifting of Submersible Pump set (P,46/I.10.3.21 RDED SR (2002-03)	No	4.00	742.00	Seven Hundred FourtyTwo Only
2	Transportataion of pumping machineries (P.46/I.103)RDED SR (2002-03)	No	4.00	792.00	Seven Hundred NinetyTwo Only
3	A) Repairs to Motor:Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6months. RDED SR (2002-03)P NO.39/ I,NO.A) a) -Do - above 3HP upto 5HP	No	4.00	2574.00	Two Thousand Five Hundred SeventyFour Only
4	b) -Do - above 5HP upto 10HP (Above 5HP upto 10HP add Rs.120/- for every 1/2 HP)	No	5.00	3762.00	Three Thousand Seven Hundred SixtyTwo Only
5	B) Replacement of Motor Parts: Above 5HP Stator (with one year Gurantee) P.No.40/Ino.C(2)RDED SR (2002-03)	No	4.00	4752.00	Four Thousand Seven Hundred FiftyTwo Only
6	Above 5HP Rotor (with one year Gurantee) P.No.40/I No.C(2)RDED SR (2002-03)	No	4.00	4455.00	Four Thousand Four Hundred FiftyFive Only
7	Upper Flange P.No.40/I No.3 RDED SR (2002-03)	No	4.00	371.00	Three Hundred SeventyOne Only
8	Lower Housing P.No.40/I No.4 RDED SR (2002-03)	No	4.00	643.00	Six Hundred FourtyThree Only
9	Lower Flange P.No.40/I No.5 RDED SR (2002-03)	No	4.00	371.00	Three Hundred SeventyOne Only
10	a) Carbon Housing P.No.40/I No.7A RDED SR (2002-03)	No	4.00	495.00	Four Hundred NinetyFive Only
11	b) Thrust bearing block assembly complete with Segment bearing pad P.No.40/I No.7B RDED SR (2002-03)	No	4.00	1138.00	One Thousand One Hundred ThirtyEight Only
12	c) Tip Carbon /Ferrodo pading P.No.40/I No.7C RDED SR (2002-03)	No	4.00	148.00	One Hundred FourtyEight Only
13	Bearing (Gun metal)Centrifugal cast Aluminium Bronze, bearing bush P.No.41/I No,9 RDED SR (2002-03)	No	4.00	425.00	Four Hundred TwentyFive Only
14	Motor Base with pin P.No. 41/ I No.11 RDED SR (2002-03)	No	4.00	475.00	Four Hundred SeventyFive Only

	erection charges of pumping achineries including overhauling and painting P.No.41/I No 13,RDED SR (2002-03)	No	4.00	841.00	Eight Hundred FourtyOne Only
16	Labour Charge (overhauling Motor only) P.No.41/ I No.15 RDED SR (2002-03)	No	4.00	594.00	Five Hundred NinetyFour Only
17	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement Pump bowls P.No.39 / I No B1 RDED SR (2002-03)	No	4.00	643.00	Six Hundred FourtyThree Only
18	Intermediate piece (I.P) with IP leaded bronze bush P.No. 44/ I No.B2 RDED SR (2002-03)	No	4.00	643.00	Six Hundred FourtyThree Only
19	Oil seal P.No. 44/ I No.B3 RDED SR (2002-03)	No	4.00	74.00	SeventyFour Only
20	Oil seal steel bush P.No. 39/ I No.B4 RDED SR (2002-03)	No	4.00	84.00	EightyFour Only
21	Guide vane Pno 39/I No B5 RDED (2002-03)	No	4.00	173.00	One Hundred SeventyThree Only
22	Impeller (shell moulded with aluminium and Bonze) P No 39/ I no B6 RDED SR 2002-03	No	4.00	445.00	Four Hundred FourtyFive Only
23	a) Discharge outlet (D.O) Bearing D.O Steel Bush P.No. 39/ I No.B7 RDED SR (2002-03)	No	4.00	569.00	Five Hundred SixtyNine Only
24	b)D.O Bearing P.No. 39/ I No.B7 RDED SR (2002-03)	No	4.00	321.00	Three Hundred TwentyOne Only
25	Steel bush (D.O) steel bush) P.No. 39/ I No.B8 RDED SR (2002-03)	No	4.00	158.00	One Hundred FiftyEight Only
26	Allen Screw P.No. 40/ I No.9 RDED SR (2002-03)	No	4.00	24.00	TwentyFour Only
27	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages) P.No. 40/ I No.10 RDED SR (2002-03)	No	4.00	1138.00	One Thousand One Hundred ThirtyEight Only
28	Pump key (Stainless steel) P.No. 40/ I No.11 RDED SR (2002-03)	No	4.00	138.00	One Hundred ThirtyEight Only
29	Pump coupling (stainless steel) P.No. 40/ I No.12RDED SR (2002-03)	No	4.00	297.00	Two Hundred NinetySeven Only
30	Non - Return valve (NRV) assembly complete with rubber 'O' Ring P.No. 40/ I No.13RDED SR (2002-03)	No	4.00	1336.00	One Thousand Three Hundred ThirtySix Only
31	Cabble guard P.No. 40/ I No.14RDED SR (2002-03)	No	4.00	173.00	One Hundred SeventyThree Only
32	Strainer P.No. 40/ I No.15RDED SR (2002-03)	No	4.00	148.00	One Hundred FourtyEight Only
33	Providing and fixing 50 mm dia heavy duty coller SE RDED Approved rate	No	4.00	128.00	One Hundred TwentyEight Only

	pply & delivery at site brand new xmo/innoval/lubi/sabar /Atalanta/calamal/ waterman/Radha make suitable HP deep well submercible pumpset suitable for vertical installation in 150 dia borewells compressing of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water squirrel cagesubmercible induction motor suitable for operation of 3Ph, 50Hz.380/440 volts AC supply fitted with required accessories such as suction, casing, suction strainers, sand guard. Non return valve etc Complete the pump and motor shall from an integral unit with all the required fittings 17.50 HP 30 stage (P.NO-XXXXIII, I.NO-34, PWD SR 18-19)	No	2.00	71404.00	SeventyOne Thousand Four Hundred Four Only
35	Providing, laying & jointing GI pipes confirming to IS specification of approved make with fittings such as collars bends elbows tees nipples plugs with cuts threads using white lead & threads for joints wherever necessary as per direction including all lead & lift etc,. complete 'A' grade(excluding cost of fittings) 50mm dia GI pipe (SR 18-19 PWD, P.No.XIX Sl.no. 499 Code No. 0154)	Rmtr	400.00	277.00	Two Hundred SeventySeven Only
36	Providing & fixing heavy duty collar (P.NO-III, I.NO-86, PRED 12-13 SR)	No	100.00	153.00	One Hundred FiftyThree Only
37	Supplying and drawing 3 core PVC Sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS: 8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 volts Ap No. 12/I No. (2.104) 3C X 6.0 Sqm KPWD Electrical SR 2014-15	Mtr	1920.00	187.00	One Hundred EightySeven Only

	pplying & delivery at site brand new / ssen / Lotus sunsines/Adarsh/ Gk controls best indigenous make combine ergy meter-cum-control panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3ph, 50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the door , canopy apron and louvers ventilators shall be provided the combine energy mtr cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC supply shall be consisted etc,. completed T panel board shall be fabricated on single unit in the above components panel board for suitable pumpset above components panel board for suitable pumpset above 6.50 HP to 17.50 HP with star delta starter (MR)	No	2.00	14652.00	Fourteen Thousand Six Hundred FiftyTwo Only
39	Fabricating supplying and mounting MS box of 16 SWG suitable for floor / wall mounting, fully weather proof with provision for better hear description, (providing with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primes paint and finally finished with approved colour enamelled metal paint etc,. complete box of 21600 sq cm (P.NO-530, I.NO-39 b, BWSSB SR 13-14)	sqm	44000.00	0.34	Paise ThirtyFour Only
40	Providing & Fixing of clamps set and borewell cap to the pump (MR)	No	2.00	683.00	Six Hundred EightyThree Only
41	Supplying & delivery of brand new best make non return valve of size 50mm as per IS: 778/84 with latest amendments with ISI mark (50mm Gate wheel Valve. (PWD SR 18-19, P.NO.XXV, Sl.no, 647 Code No. 0126)	No	6.00	1007.00	One Thousand Seven Only
42	Supplying and delivery of brand new best make Gate Valve of size 50mm as per IS: 778/84 with latest amendments with ISI mark . 50mm Gate Valve for distributer pipeline. 50mm dia (PWD SR 18-19, P.NO.XXVI, Sl.no, 661 Code No. 0164)	No	6.00	1384.00	One Thousand Three Hundred EightyFour Only

	bour charges for erection of new epaired submersible pumpset along with GI pipes (32/50mm) cable (new submersible pumpset if required will be supplied by the department free of cost and released pump set should be handed over to department) including transportation (each length = 6.00m) (P.No - 564, I.No - 3, BWSSB SR 13-14)	L	90.00	91.00	NinetyOne Only
44	Erection of combined panel board meter board with all necessary materials and labour including providing CC 1:3:6 foundation bed etc,. Complete for basement out door type. (MR)	No	2.00	470.00	Four Hundred Seventy Only
45	Supplying and fixing miniature circuit breakers/isolators in existing MCB distribution boards using necessary fixing materials and wiring complete as required, 40 to 63 Amps DP (P.NO - 526, I.NO - 13D (a), BWSSB SR 13-14)	No	2.00	923.00	Nine Hundred TwentyThree Only
46	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete.... P No. 32/I No 3b KPWD Electrical SR 2010-11	No	6.00	148.00	One Hundred FourtyEight Only
47	Supplying and laying of L.T.U.G Cable having aluminiumconductor PVC insulated shethed galvanised steel wire/ steel tape armoured cable with PVC outer sheathing 1.1 KV class 4 core 16 sqmm cable (confirming to IS 1554) (P.NO - 553, I.NO - 10 (d), BWSSB SR 13-14)	Mtrs	56.00	173.00	One Hundred SeventyThree Only
48	Digging of trenches of 0.6mm x 0.50 Mtrs wide refilling the trench to the required ground level and consolidating etc,. Complete sutting road surfaces (P.NO - 554, I.NO - 12 (b), BWSSB SR 13-14)	mtrs	56.00	57.00	FiftySeven Only
49	Supplying and fixing Class-A GI Pipe on pole/ wall/drain crossing with necessary clamping arrangements for UG Cable of 1.1 KV class 40mm (P.NO - 555, I.NO - 15 (b), BWSSB SR 13-14)	Mtrs	6.00	300.00	Three Hundred Only

	...ying and fixing wiring earth electrode grounding conduits, IC cutouts and ...ther equipments on the meter board using ...mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit,/ the pit should be filled with equal proportion of salt and charocal 150 mm alround the pipe to complete depth the connections from the pipe to the conduit etc,. is to be established though GI wire of size as per ISI specification 7.3.3 of ISI 732 using 12mm dia boalts, nuts washers and checknuts etc,. the pipe shall have 16 through holes of 122mm dia (P.NO - 552, I.NO - 7 , BWSSB SR 13-14)	No	2.00	1731.00	One Thousand Seven Hundred ThirtyOne Only
51	Supply and fixing LT cast iron pot heads suitable for 1.1 KV class 16 sqmmUG cable filled with necessary bitumen/ insulating compound complete with terminals, clamps, bolts nuts and washers etc, (P.NO - 555, I.NO - 16 (b) , BWSSB SR 13-14)	No	2.00	277.00	Two Hundred SeventySeven Only
52	Providing and fixing Gun Metal Gate wheel valve confirming to IS specification of approved make as per direction including all lead and lift etc,. Complete. 50mm dia (P.NO - 97, I.NO - 13.79.6, PWD SR 18-19)	No	6.00	770.00	Seven Hundred Seventy Only
53	Supplying and fixing of polished wood board made of not less than 15mm thick plank on both sides with planks made out on not more than 2 pieces and fixing the same to wall using tapered inverted wooden plugs screws etc., Size 20 x 20 x 2.5 inches (P.NO - 521, I.NO - 2 (f), BWSSB SR 13-14)	No	2.00	314.00	Three Hundred Fourteen Only
54	Public fountains including GI taps and all accossories	No	15.00	2475.00	Two Thousand Four Hundred SeventyFive Only

Signature of the Contractor

Executive Engineer,
Yelahanka Division,
BBMP, Bengaluru-64.